

SHVARTS, L. S., prof.; LOBANOV, V. N.; LEBEDEVA, Z. G.; YUDANOVA, L. S.

Changes of the myocardium in Botkin's disease. Terap. arkh. no.9:
71-78 '61. (MIRA 15:2)

1. Iz kafedry gosspital'noy terapii (zav. - prof. L. S. Shvarts)
lechebnogo fakul'teta Saratovskogo meditsinskogo instituta.

(HEPATITIS, INFECTIONS) (HEART—DISEASES)

SHVARTS, L.S.; SHUB, G.M.; YUDANOVA, L.S.

Immunology of atherosclerosis; preliminary report. *Kardiologiya*
5 no.2:56-60 Mr-Apr '65. (MIRA 18:7)

1. Saratovskiy meditsinskiy institut.

KRASNOVA, B.G.; ZORIN, A.D.; YUDANOVA, I.V.

Vapor pressure of binary solutions formed by monosilane with
arsine, monogermene, and phosphine. Zhur.fiz.khim. 39
no.10:2440-2444, 1963. (MIRA 18:12)

1. Gorkovskiy gosudarstvennyy universitet imeni Lobachevskogo.
Submitted July 1, 1964.

YUDANOVA, O.

Chemical composition of *Calanus finmarchicus* in the Barents Sea. O. Yudanova. *Compt. rend. acad. sci. U. R. S. S. 29, 218-24 (1949)* (for English).—The content in fat of *Calanus finmarchicus* increases with age and attains its max. in the red *Calanus* of the fourth and fifth Copepodan stages. Thus, by feeding upon *Calanus* in May and June most intensively the herring uses it at the period when it is highest in fat. The N content varies within a narrow range and is not connected with the fat content. The ash content varies within wide limits but this may be due to the admixt. of sea water, which cannot be gotten rid of.

Rebecca Vakhovsky

1. YUDASHEV, S.
2. USSR (600)
4. Cotton Growing
7. Science of raising cotton plants adaptable to mechanized picking,
Khlopkovodstvo, No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

MIKHEYEV, V.P.; MEDNIKOV, Yu.P.; YUDASHKIN, A.G.

Varying performance of injector burners under subcritical
conditions of gas outflow. Gaz. prom. 10 no.9:30-35 '65.

(MIRA 18:11)

L 47080-66
ACC NR: AP6029042

SOURCE CODE: UR/0413/66/000/014/0058/0058

INVENTOR: Ivanova, I. M.; Fedorov, V. N.; Yudashkin, A. G.

ORG: none

TITLE: Slot-type gas burner. Class 24, No. 183871

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 58

TOPIC TAGS: gas burner, gas combustion

ABSTRACT: The proposed gas burner contains perforated pipes for the gas supply which are located above a longitudinal exit slot of an air duct. In order to ensure a con-

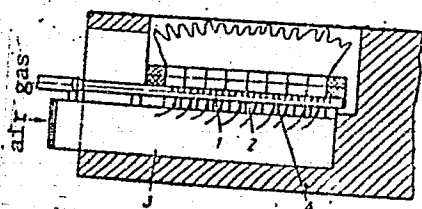


Fig. 1. Gas burner

- 1 - Perforated tubes; 2 - exit slot;
3 - air duct; 4 - guide vanes.

Card 1/2

UDC: 662.951.2

L 47080-66

ACC NR: AP6029042

stant excess of air supply along the whole length of the burner, the ratio of the slot area to the area of the air duct cross section is equal to the ratio of the total aperture area in the perforated tubes to the area of the cross section of the tubes. Guide vanes are placed in the exit slot of the air-duct; perpendicular to its longitudinal axis (see Fig. 1). Orig. art. has: 1 figure. [AV]

SUB CODE: 21/ SUBM DATE: 14Feb64/

Card 2/2

YUDASHKIN, I.

USSR/Miscellaneous - Radio clubs

Card 1/1 Pub. 89 - 10/27

Authors : Kuus, V.; Yudashkin, I.; and Gurevich, L.

Title : Along the DOSAAF radio clubs

Periodical : Radio 2, 19-20, Feb 1954

Abstract : Three articles dealing with the DOSAAF radio clubs are presented. The first article gives a brief report of the 12th Estonian radio-amateurs' exhibition. The second article extols the club's need for a radio specialist who would be able to help the radio-amateurs in case of technical difficulties. The third article gives some suggestions for a satisfactory solution of the problem of continuously supplying power for Kolkhoz radio centers.

Institution:

Submitted:

YUDASHKIN, I.

Test equipment has been introduced. Radio no.6:13 Ja '63.
(MIRA 16:7)

1. Nachal'nik radiokluba Dobrovol'nogo obshchestva sodeystviya
armii, aviatsii i flotu, Gomel'.
(Radio—Equipment and supplies)

YUDASHKINA, M. M.

Jan 52

USSR/Physics - Dielectric Strength of Paper

"Dielectric Strength of Condenser Paper in a Compressed-Gas Medium," V. T. Renne, N. M. Reynov, M. M. Yudashkina. Leningrad Phys-Tech Inst, Acad Sci USSR. "Zhur Tekh Fiz" Vol XXII, No. 1, pp 16-20

Investigates the dependence of rupture strength E (in kv/mm) of condenser paper upon the pressure of gas (oxygen, nitrogen, etc. in kg/sq cm) for various thicknesses of paper and make. Concludes that the use of paper can be expeditiously recommended in dielec technology. Submitted 5 April 51

PA 206T99

YUDASIN, B., podpolkovnik

Sulfanol is a fine material for washing tableware. Tyl 1
snab. Sov. Voor. Sil 21 no. 11:91-92 H 61. (MIRA 15:1)
(Sulfanol)
(Dishwashing)

AUTHOR: Yudasin, L.

SOV-4-58-10-4/39

TITLE: The Komsomol Millions (Komsomol'skiy million)

PERIODICAL: Znaniye - sila, 1958, Nr 10, pp 4 - 7 (USSR)

ABSTRACT: The author describes how the suggestions of three innovators of the Klin Trust of Artificial Fibers brought about savings of 1,000,000 rubles a year. There are 8 photos.

ASSOCIATION: Klinskiy Kombinat Iskusstvennogo Volokna (Klin Trust of Artificial Fibers)

Card 1/1

AUTHOR: Yudasın, L.

SOV-27-58-10-15/31

TITLE: Harvesting Time (Strada)

PERIODICAL: Professional'no-tekhnikeskoye obrazovaniye, 1958, Nr 10,
pp 21-23 (USSR)

ABSTRACT: Fiction

1. Literature--USSR

Card 1/1

YUDASIN, Lev.

Tractor operator leaves the cabin. Znan.sila 34 no.2:14-16 F '59.
(Tractors) (Remote control) (MIRA 12:3)

YUDASIN, Lev

Fertility machine. Znan.sila 35 no.1:8-11 Ja '60.
(MIRA 13:5)

(Agricultural machinery--Technological innovations)

YUDASIN, Lev

Bee wearing a girdle. Znan.sila 35 no.7:42-44 J1 '60.
(MIRA 13:7)

(Bee culture)

YUDASIN, Lev.

Attention, the conveyor is on. Znan.sila 35 no.10:19-20 0'60.
(MIRA 13:11)

(Clockmaking and watchmaking) (Assembly-line methods)

YUDASIN, Lev Samoylovich; YEVGEN'YEV, B.S., red.; KOVAL'ZON, F.P., red.;
DORODNOVA, L.A., tekhn.red.

[Story about an invention] Rasskaz ob odnom izobretenii. Moskva,
Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 69 p.
(MIRA 14:4)

(Loginov, Ivan Grigor'evich, 1924-) (Tractors)

YUDASIN, Lev. S.

Inventor in the orchard. Znan. sila 35 no. 12:8-11 D '60.
(MIRA 13:12)

(Fruit culture)

YUDASIN, Lev

Mountain cross-country tractor. Znan. sila 36 no. 5:12-14 My '61.
(MIRA 14:5)

(Tractors)

YUDASIN, Lev

Wide-open spaces. Znan.sila 36 no.7:1-3 JI '61. (MIRA 14:9)
(Farm mechanization) (Work, Method of)

YUDASIN, Lev

We learn to think. Znan.sila 37 no.3:35-38 Mr '62. (MIRA 15:4)
(Technical education)

YUDASIN, Lev

They speak Spanish in the village. Znan.sila 37 no.4:18-21 Ap
'62. (MIRA 1514)
(Nekrasovskaya (Krasnodar Territory)---Students, Cuban)

YUDASIN, Lev

While they are repairing the machine....Znan.-sila 37
no.7:13-15 J1 '62. (MIRA 15:9)
(Machinery---Maintenance and repair)

YUDASIN, Lev

Toward the north.... Znan.-sila 37 no.8,12-16 Ag '62. (MIRA 16:5)
(Corn breeding)

YUDASIN, Lev

There has not been a command to "stop." Znan.-sila 38 no. 7:28-30
Jl '63. (MIRA, 16:10)

YUDASINA, A. G.

Berezovskaya, F. I. and Yudasina, A. G. -"The effect of a solvent on the kinetics of organic peroxide decomposition," Nauch. zapiski (Dnepropetr. gos. un-t), Vol. XXXIII, 1948, p. 85-98, -Bibliog: 18 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

BEREZOVSKAYA, F.I. [deceased]; SKAPPE, O.K.; TERESHKEVICH, M.O.; YUDASINA, A.G.

Study of the mobility of hydrogen atoms in salts of dibasic acids.
Ukr.khim.shur. 24 no.6:741-745 ' 58. (MIRA 12:3)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Acids, Organic) (Hydrogen)

BEREZOVSKAYA, F.I. [deceased]; SKAPPE, O.K.; TERESHKEVICH, M.O.;
YUDASINA, A.G.

Study of the mobility of the hydrogen atom in dibasic carboxylic
acids. Ukr.khim.zhur. 25 no.1:45-49 '59. (MIRA 12:4)

1. Dnepropetrovskiy gosuda rstvennyy universitet.
(Acids, Organic) (Hydrogen)

SOV/79-29-6-25/72

5(3)

AUTHORS: Malinovskiy, M. S., Yudasina, A. G.

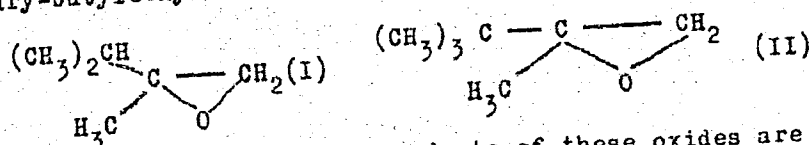
TITLE: Investigation in the Field of Unsymmetrical α -Oxides (Issledovaniye v oblasti nesimmetrichnykh α -okisey). Synthesis and Properties of Unsymmetrical Oxides of Methyl-isopropyl- and Methyl-tertiary-butylethylene (Polucheniye i svoystva nesimmetrichnykh okisey metilizopropil- i metil-tret.-butiletilena)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 6, pp 1889 - 1892 (USSR)

ABSTRACT: This paper deals with the capability of the unsymmetrical α -oxides of hydration- and isomerization reactions and of oxy-amine formation. A number of authors (Ref 1) have found that the hydration of the α -oxides of the aliphatic series with a tertiary carbon atom in the oxide ring proceeds very vigorously. In the investigation of the α -oxides of methyl-isopropyl-(I) and methyl-tertiary-butyl ethylene (II) it was found that they are isomerized readily to form the aldehyde, even on heating or distillation, but that their hydration is difficult.

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Investigation in the Field of Unsymmetrical α -Oxides. 307/79-29-6-25/72
 Synthesis and Properties of Unsymmetrical Oxides of Methyl-isopropyl- and
 Methyl-tertiary-butylethylene



The principal hydration products of these oxides are their isomers, the aldehydes, what was also observed by Pansevich-Kolyada (Refs 2,3). The considerable tendency of the unsymmetrical α -oxides of the olefins towards isomerization was described by many authors (Ref 4). On the basis of their experimental data and of those published, the authors assumed that the presence of a large number of nucleophilic substituents polarizes the oxide molecule in such a way that its most hydrogenated carbon atom becomes more positive, whereby the migration of the hydrogen atom to the neighboring carbon atom which has a large electron plane, is facilitated. In this connection the oxide of compound (II) is of special interest. With its synthesis already a large number of polymers is formed, what causes a small yield in the oxide. The reaction of the oxide with diethyl amine mainly also yields polymers. From the oxide of compound

Card 2/3

Investigation in the Field of Unsymmetrical α -Oxides. SOV/79-29-6-25/72
 Synthesis and Properties of Unsymmetrical Oxides of Methyl-isopropyl- and
 Methyl-tertiary-butylethylene

(I) the oxy-amine is formed in good yield. On its isomerization also glycol is formed in addition to the aldehyde. Compound (I) has also nucleophilic radicals but less than (II). On the attempt to obtain compound (II) by oxidation of the corresponding unsaturated hydrocarbon with benzoyl-hydro-peroxide the authors instead of the oxide the monobenzoate of glycol (III) or (IV) (Scheme 2). Formula (III) is the more probable one (formation of iodoform). The formation of the monobenzoate could be explained according to scheme 3. There are 13 references, 8 of which are Soviet.

ASSOCIATION: Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University)

SUBMITTED: May 20, 1958

Card 3/3

02390

S/079/60/030/006/018/033/XX
B001/B055

5.3400

2209, 1321

AUTHORS:

Malinovskiy, M. S. and Yudasina, A. G.

TITLE:

Studies on Unsymmetrical α -Oxides. II. Synthesis and Properties of the Oxides of Methyl-phenyl-ethylene, Ethyl-phenyl-ethylene, Methyl-o-tolyl-ethylene, Methyl-benzyl-ethylene, and Methyl-cyclohexyl-ethylene

PERIODICAL:

Zhurnal obshchey khimii, 1960, Vol. 30, No. 6, pp. 1831-1837

TEXT: Unsymmetrical initial ethylene oxides were prepared by treating chlorohydrine with alkali bases. Many researchers (Ref. 2) found that monosubstituted and unsymmetrically disubstituted ethylene oxides generally isomerize to aldehydes. This isomerization readily occurs with aliphatic radicals. It is also known that monosubstituted α -oxides of the type $C_6H_5(CH_2)_p-CH-CH_2$ are difficult to isomerize. Experiments

carried out by the authors of the present work confirmed this rule. Thus, of all the α -oxides discussed in the present publication, benzyl-methyl-ethylene oxide is least easily isomerized, yielding a mixture of

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APPROVED

85390

S/079/60/030/006/018/033/XX
B001/B055

Studies on Unsymmetrical χ -Oxides. II.
Synthesis and Properties of the Oxides of
Methyl-phenyl-ethylene, Ethyl-phenyl-ethylene,
Methyl-o-tolyl-ethylene, Methyl-benzyl-ethylene,
and Methyl-cyclohexyl-ethylene

ethyl-phenyl-ethylene, methyl-p-tolyl-ethylene, methyl-benzyl-ethylene,
and methyl-cyclohexyl-ethylene (Ref. 1). So far, the last four have not
been described in publications. The oxides were hydrated under different
conditions, in the presence of HCl or H₂SO₄. The oxides of methyl-phenyl-
ethylene, methyl-p-tolyl-ethylene, and methyl-benzyl-ethylene gave
mixtures of glycols and aldehydes (Ref. 3). In both cases, oxonium com-
pounds formed as by-products. The latter can react by ring cleavage and
subsequent migration of the hydrogen atom or radical, or by ring
cleavage followed by the addition of water (Ref. 4). Reaction of the
oxides with diethyl-amine gave the corresponding hydroxy-amines in yields
varying from 40 to 80%, according to the structure of the oxide. For the
formation of hydroxy-amines, the components had to be heated in sealed
ampoules on a water bath for 20 - 30 h. This reaction proceeds in
accordance with Krasuskiy's rule. The authors mention a publication by
I. N. Danilov. There are 4 tables and 7 references: 5 Soviet, 1 French,

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85390

Studies on Unsymmetrical α -Oxides, II. S/079/60/030/006/018/033/XX
Synthesis and Properties of the Oxides of B001/B055
Methyl-phenyl-ethylene, Ethyl-phenyl-ethylene,
Methyl- α -tolyl-ethylene, Methyl-benzyl-ethylene,
and Methyl-cyclohexyl-ethylene

and 1 German.

ASSOCIATION: Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk
State University)

SUBMITTED: June 29, 1959

X

Card 4/4

SKARRE, O.K.; TERESHKEVICH, M.O.; YUDASINA, A.G.

Mobility of hydrogen atoms in monocarboxylic acids. Zhur. fiz. khim. 35
no.3:558-562 Mr '61. (MIRA 14:3)

1. Dnepropetrovskiy universitet.
(Acids, Fatty) (Hydrogen)

MALINOVSKIY, M.S.; YUDASINA, A.G.; SKRODSKAYA, T.S.; SOLOMOYCHENKO, T.N.

Preparation and properties of asymmetrical oxides of methyl-
tert-hexylethylene, methyl-tert-hyptylethylene, and methyl-
tert-octylethylene. Ukr. khim. zhur. 30 no.1:72-74 '64.
(MIRA 17:6)

1. Dnepropetrovskiy gosudarstvennyy universitet.

YUDASINA, A.G.; MALINOVSKIY, M.S.; DOLGINA, A.F.; KOKHAN, L.M.

Unsaturated α -oxides. Part 2: Enyne oxides with cyclic radicals.
Ukr. khim. zhur. 31 no.10:1089-1091 '65. (MIRA 19:1)

1. Dnepropetrovskiy gosudarstvennyy universitet. Submitted June 6,
1964.

YUDASINA, S. I.

"Some problems of the clinic and course of ulcerous infections of the stomach and duodenum," (From the material of the Therapeutic Clinic of the Institute) for the years 1938-1947) - Authors: M. N. Tymanovskiy, S. I. Yudasina, N. M. Grobishcheva, and A. V. Bashkinova. Trudy Medinstituta (Izhev. gos. med. in-t), Vol. VII, 1949, p. 176-85

SO: U-3950, 16 June 53, (Letopis, 'Zhurnal 'nykh Statey, No. 5, 1949).

YUDASINA, S. I.

36901. Zony giperalgzii pri bolyakh v oblasti serdtas kak vspomogatel'nyy
differentsial'no-dagnosticheskiy priznak. Trudy Med. In-ta (Izhev. gos. med.in-t),
t. IX, 1949, c. 207-11

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

YUDAYEV, B. N.

"Investigation of the Operational Process of the Steam Mechanism of a Locomotive." Cand Tech Sci, Moscow Order of Labor Red Banner Technical Higher School imeni Bauman, Min Higher Education USSR, Moscow, 1954. (KL, No 7, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

YUDAYEV, B. N.

3-5-4/38

AUTHORS: B.N. Yudayev, Candidate of Technical Sciences and V.I. Smyslov

TITLE: For Post-Graduate Studies - Experienced Workers, Capable Researchers (V aspiranturu - opytnykh praktikov, sposobnykh issledovateley)

PERIODICAL: Vestnik vysshey shkoly, Nr 5, pp 15-17 (USSR) 1957

ABSTRACT: The principal mass of scientific pedagogic workers is at present being trained in post-graduate courses. The great need of the country for scientific pedagogic workers was the cause of serious mistakes in the selection of candidates for post-graduate work. In 1952 and 1953, among the persons admitted to post-graduate schools, there were more than one half without any previous experience. The Council of Ministers of USSR has now taken measures to admit only persons with not less than two years of practical experience. In 1956 most of the higher schools improved their activity, so that among the candidates for post-graduate study in the Vuzes there were only 18 per cent without previous practical experience. Moreover, most of them came from Vuzes and were specialized in theoretical subjects - such as mathematics,

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3-5-4/38

For Post-Graduate Studies - Experienced Workers, Capable Researchers

theoretical physics and others. However, heads of Vuzes and scientific institutes are not speeding up the post-graduate work. For this reason the Ministry of Higher Education was compelled to refuse admittance to almost 300 candidates. These facts cannot be justified. During the last 5 years the number of science candidates, working in Vuzes has increased to more than 25,00. In 1951, 34 per cent of the Vuz teachers had scientific grades and ranks. This figure has increased to 45 per cent by 1956. Therefore special attention has to be given to the increase in quality of the post-graduate training.

Here again candidates requirements must be raised. A very good selection of candidates is made in the Moscow Institute of Steel and the Moscow Institute of Nonferrous Metals and Gold. The percentage of persons having completed post-graduate courses with the defense of a thesis in 1956, is 2-3 times higher than that of most other Vuzes. However, the enrollment of candidates for post graduate work is still not satisfactory. In 1956, e.g., there were only two candidates for 11 competitive vacancies at the Kazan Institute of Aviation. At the Polytechnical Institute of Tomsk - training

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3-5-4/38

For Post-Graduate Studies - Experienced Workers, Capable Researchers

the scientifico-pedagogic staff for all of Siberia and the Far East - only 30 persons passed competitive examinations for 50 vacancies, and all of them were registered for post-graduate work. It must be pointed out that the aim of competition is not the filling of vacancies, but the enrollment of youth for research work.

Attention is drawn to the fact that many of the Vuz heads, in particular of research institutes, do not appreciate the importance of the scientific guidance of post-graduate workers, and very often admit insufficiently qualified workers for leading posts. For instance, only one third of the scientific leaders in the Ministry of Education of RSFSR are Doctors of Science, and less than one third in the research institutes of that ministry where among 21 leading scientific workers there are only 4 Doctors of Science. In some scientific institutes of the Ministry of Chemical Industry and the Ministry of Coal Industry, there are no Doctors at all to instruct post-graduate students. The training of such students was carried out until the present by the Belorussian Institute of National Economy, and the pedagogic institutes of Grozny and Stavropol' in spite of the

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For Post-Graduate Studies - Experienced Workers, Capable Researchers

fact that there is not even one Doctor of Science or Professor at these institutes. Therefore, it is not surprising that post-graduate students are not prepared for independent scientific-pedagogic work.

There are some ministries which have agreed to train post-graduate students from Vuzes and institutes where no Doctors, Professors or the necessary experimental bases are available. So, for instance, the Ministry of Education of RSFSR continues to train post-graduate students of the pedagogic institutes of Molotov, Sverdlovsk, Stalingrad and Ulyanovsk, which are not very well equipped for that purpose.

Sometimes Vuz heads do not recognize their responsibility to the future specialists and do not seriously enough complete their task relating to the admittance of post-graduate students. The number of students admitted to humanistic and natural branches of science increased during the last several years, but the number decreased in physics and mathematics. In 1955 twice as many students were admitted to zoological specialities and one and a half times more to chemical sciences. On the other hand in physics and mathematics, only one half of the plan was completed.

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3-5-4/38

For Post-Graduate Studies - Experienced Workers, Capable Researchers

Such procedures led to serious difficulties in 1956 when the post-graduate students were directed to enter practical work.

There is one more fact limiting the normal organization of training for such students. Many heads of Vuz do not consider it necessary for the post-graduate students to complete their training with a thesis. This may explain the fact that in 1956 not one student in 14 universities completed his post-graduate work with the defense of a thesis.

ASSOCIATION: The Staff Administration of the Ministry of Higher Education, USSR (Upravleniye kadrov Ministerstva vysshego obrazovaniya SSSR)

AVAILABLE: Library of Congress

Card 5/5

YUDAYEV, B. N.

AUTHORS: Kolpakov, I.A., Smyslov, V.I., Yudayev, B.N. 3-6-15/29
 TITLE: On the One-Year Post Graduate Course (O godichnoy aspiranture)
 PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 6, pp 66 - 67 (USSR)

ABSTRACT: The article expresses dissatisfaction with the lack of students at the postgraduate instructors' course. - Instructors of higher educational institutions who have sufficient experience in their chosen specialties, have shown capability for scientific-research work and have passed the minimum of examinations for a candidate's degree in their practical work, may take this course. This type of scientific worker generally can finish the research and successfully defend his dissertation in a single year.

The higher educational institutions of the USSR Ministry of Higher Education, which have 25,000 scientific-pedagogical workers not holding a scientific degree, have sent only 240 persons to this post-graduate course. The Vuzes of the Ukrainian SSR Ministry of Higher Education employing more than 5,000 instructors without a degree have sent only 24 persons to the course. Participation of the Vuzes of Siberia, the Far East, Central Asia is also very poor. The Omsk Machine Building-, the Tomsk Construction-Engineering- and the Novosibirsk

Card 1/2

3-6-15/29

On the One-Year Post Graduate Course

Electrical-Engineering Institutes (Omskiy mashinostroitel'nyy, Tomskiy inzhenerno-stroitel'nyy-, Novosibirsk elektrotekhnicheskii institut) did not send a single instructor in 1956, although many of their workers hold no degree. The Ministry's plan for 1957, provides for 2,000 participants in the 3-year course and 400 in the one-year course. The latter number could be doubled if the Vuzs were more active.

ASSOCIATION: Personnel Administration, USSR Ministry of Higher Education
(Upravleniye Kadrov Ministerstva Vysshego obrazovaniya SSSR)

AVAILABLE: Library of Congress

Card 2/2

3-58-7-4/36

AUTHORS:

Smyslov, V.I., Yudayev, B.N., Candidate of Technical Sciences

TITLE:

The Recruitment of Post-Graduates Calls for Daily Attention
(Komplektovaniye aspirantury trebuet povsednevnoy zaboty)

PERIODICAL:

Vestnik vysshey shkoly, 1958, Nr 7, pp 17-20 (USSR)

ABSTRACT:

The staff of scientists in higher schools and scientific research institutions is recruited mainly from post-graduates. This method facilitates the training of high quality teachers and research workers. Although the number of trained post-graduates in 1956 increased 3-fold in comparison with 1947, an acute shortage of trained scientists is felt especially in new branches of science and engineering. Most of the higher schools are directly responsible for not taking enough action for the recruitment of the post-graduates. As a result of this shortage, higher schools and vuzes are obliged to engage insufficiently trained personnel as teachers, researchers, etc. Very often, post-graduates who want to study cannot find any living accommodation in the town where the institution is situated. Other higher schools display only a token interest in recruitment; they make necessary publications in newspapers, indicate the date of the examination, but do not make any

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3-58-7-4/36

The Recruitment of Post-Graduates Calls for Daily Attention

effort to attract the more intelligent post-graduates. The authors also cite some of the higher schools, institutes and universities, where the board of scientists keeps in touch with deserving pupils and encourages their further education.

ASSOCIATION: Ministerstvo vysshego obrazovaniya SSSR (The Ministry of Higher Education of the USSR)

Card 2/2

GOLOVINTSOV, Andrey Grigor'yevich, doktor tekhn. nauk, prof.; YUDAYEV,
Boris Nikolayevich, kand. tekhn. nauk; KALABIN, V.P., doktor tekhn.
nauk, prof., retsenzent; SILETSKIY, V.S., kand. tekhn. nauk, red.;
SAVEL'YEV, Ye.Ya., red. izd-va; TIKHANOV, A.Ya., tekhn. red.

[Engineering thermodynamics] Tekhnicheskaya termodinamika. Moskva,
Mashgiz, 1961. 311 p. (MIRA 14:12)
(Thermodynamics)

VASILENKO, Aleksey Nikolayevich, kand. tekhn. nauk; DRYZHAKOV, Yevgeniy Vasil'yevich, dots.; ISAYEV, Sergey Ivanovich, kand. tekhn. nauk; KORNEYCHUK, Nikolay Karpovich, kand. tekhn. nauk, dots.; KOFANOV, Vyacheslav Ivanovich, assistant; KRUTOV, Vitaliy Ivanovich, doktor tekhn. nauk, prof.; MIRONOV, Boris Mikhaylovich, kand. tekhn. nauk; NIGMATULIN, Iskander Nigmatulevich, doktor tekhn. nauk, prof.; NOSOV, Mikhail Vasil'yevich, prof.; SAMOYLOV, Mikhail Sergeyevich, assistant; SPORYSH, Igor Pavlovich, kand. tekhn. nauk, prof.; KHVOSTOV, Viktor Ivanovich, kand. tekhn. nauk; SHISHOV, Yevgeniy Viktorovich, kand. tekhn. nauk; YUDAYEV, Boris Nikolayevich, kand. tekhn. nauk, dots.; KUTYRIN, I.N., dots., kand. tekhn. nauk, retsenzent; SHVEDOV, A.M., dots., retsenzent; TUPITSYNA, L.A., red.; FUFAYEVA, G.I., red.

[Problems in technical thermodynamics and heat transfer]
Sbornik zadach po tekhnicheskoi termodinamike i teplopere-
dache. [By] A.N.Vasilenko i dr. Moskva, Vysshaya shkola,
1964. 369 p. (MIRA 17:4)

1. Prepodavatel'skiy kollektiv kafedry termodinamiki i teplo-
peredachi Moskovskogo vysshego tekhnicheskogo uchilishcha
(for all except Kutyrin, Shvedov, Tupitsyna, Fufayeva). 2. Mo-
skovskiy aviatsionnyy institut (for Kutyrin, Shvedov).

YUDAYEV, G. A.

AUTHOR:

LEPESHINSKAYA, V.N., YUDAYEV, G.A.

PA - 2539

TITLE:

Spectral Characteristic of Surface Photoeffect from Activated
Cu - Mg Alloy. (O spektral'noy kharakteristike vneshnego foto-
effekta s aktivirovannogo mednomagniyevogo splava, Russian)
Zhurnal Tekhn. Fiz., 1957, Vol 27, Nr 3, pp 502-507 (U.S.S.R.)
Received: 4 / 1957

Reviewed: 5 / 1957

PERIODICAL:

ABSTRACT:

The surface photoeffect of cathodes consisting of activated copper
magnesia alloys is investigated. As the orders of photocurrents
of semiconductors are very small, methods for measuring weak currents
were applied. Spectral-characteristics of the surface photoeffect
were recorded in amplifiers. All electrodes consisted of CuMg (2% Mg).
The photocurrents amplified in the amplifier were measured by means
of an electrometer and reduced to the same energy of light current
for different wave lengths. The curves of the spectrum obtained
(in its visible part) had a maximum at about 5200 Å and within the
domain of the waves under 5000 Å they showed a monotonous increase.
All three amplifiers investigated possessed similar spectral
characteristics with a photoeffect rapidity at 6700 Å and a sharp
minimum nearly reaching zero within the domain of 5000 Å. In one
case only a maximum within the long wave domain of the spectrum and
a photoelectric rapidity of about 7500 Å was observed. After

Card 1/2

PA - 2539

Spectral Characteristic of Surface Photoeffect from Activated
Cu - Mg Alloy.

renewed measurements carried out after some time this maximum no
longer occurred. (2 tables and 5 illustrations).

ASSOCIATION: LPI, Leningrad
PRESENTED BY:
SUBMITTED: 8. 7. 1956
AVAILABLE: Library of Congress

Card 2/2

YUDAYEV, I.A., prof. (Moskva)

I.M. Sechenov as a pioneer in Russian physiology; on the 50th anniversary of his death. Probl. endok. i gorm. 1 no. 6:110-112 M-D '55. (MIRA 12:8)

(PHYSIOLOGY,
contribution of I.M. Sechenov)
(BIOGRAPHIES,
Sechenov, I.M.)

YUDAYEV, I. I.

EXCERPTA MEDICA Sec 16 Vol 7/9

Cancer

Sept 59

3885. **Gastrectomy for cancer of the stomach (Russian text)** IUDAEV I. I. and KOGAN A. S. Med. Inst., Novosibirsk *Vopr. Onkol.* 1959, 5/1 (65-69) Tables 3
136 cases of total gastrectomy and cardia resection for cancer of the stomach and cardia are described. General postoperative mortality rate was 19.1%. For the last 3 yr. 67 cases of total gastrectomy resulted in 10.5% of deaths. In the majority of cases (95) of total gastrectomy, the transabdominal approach was used. In cases of extensive involvement of the oesophagus the use of the thoracoperitoneal approach as well as approach by laparotomy is recommended. The creation of an artificial stomach after Popov's method is strongly advocated. There were 10 operations of this type. Late results are described in 49 cases. Of all operated patients, 13.8% were still alive after more than 5 yr. (25.7% of those followed up).

BALANDIN, A.D.; YUDAYEV, K.V.; MUSATOVA, G.; YAGAFAROV, L.M.

Cytology of vaginal smears during pregnancy, labor, and puerperium.
Akush. gin. no. 1:42-44 Jan-Feb 1953. (CIML 24:2)

1. Students. 2. Of the Department of Obstetrics and Gynecology
(Head — Prof. B. Ya. Stavskaya), Stavropol' Medical Institute.

YUDAYEV, N. A.

USSR/Medicine - Biochemistry Jan/Feb 49
Medicine - Muscle Tonus, Effect

"Carnosine and Creatine Content in Normal and Abnormal Muscles of a Frog," N. A. Yudayev, Chair of Med Chem, Med Inst, MZ RSFSR, Moscow, 7 pp

"Biokhimiya" Vol XIV, No 1

Describes experiments on male and female frogs.

Results show that normal muscles contain more carnosine and less creatine than abnormal muscles. Normal male muscles contain more carnosine than female; creatine content is the same. Suggests that role of carnosine in muscular dynamics is

45/49160

USSR/Medicine - Biochemistry (Contd) Jan/Feb 49
determined by the part it plays in the process of resynthesis. Submitted 28 Jun 48.

45/49160

CA //f

The influence of denervation of muscle upon its content of carnosine and anserine as shown by partition chromatography. N. A. Yudaev. *Doklady Akad. Nauk S.S.S.R.* 67, 1003-1023 (1949). Denervation of the leg muscle (severance of sciatic nerve) in the rabbit followed by determination of carnosine (method of Meshkova, *C.A.* 30, 5399) and of anserine (Zapp and Wilson method, *C.A.* 33, 647) after 21-50 days, showed a decrease of both substances: carnosine practically vanishes after 21 days, while anserine begins to decline only after 38 days (loss of 60% in 50 days). Changes may be detected by partition chromatography, by development of blue color upon repeated warming on the paper with ninhydrin to 115° for 5-7 min. intervals; the development is facilitated by using HCl in the chromatographic cylinder which retards the diffusion

progress of these peptides. The blue spots do not appear if the test substances are subjected to preliminary hydrolysis.
G. M. Kosolapoff

CA

118

Detection of carnosine and anserine in heart muscle by partition paper chromatography. N. A. Yudiav. *Doklady Akad. Nauk S. S. S. R.* 68, 110-21(1949).--The chromatographic method (C.A. 43, 5478a) revealed the presence of carnosine and anserine in heart muscle of rabbit. Rabbit stomach muscle is devoid of these substances. Only carnosine is present in frog heart muscle. In rabbit, carnosine appears substantially after birth only and anserine appears only 5-6 days later, but rapidly surpasses carnosine on growth. G. M. Kosolapoff

CA

11F

Content of carnosine and anserine in vertebrate muscle in various stages of ontogenesis. S. B. Severin and N. A. Yurkev. *Doklady Akad. Nauk S.S.S.R.* 60, 357-8 (1949); cf. C.A. 42, 8303b. —While carnosine exists in vertebrate muscle of all vertebrates, the presence of anserine, a more complex substance, is detected only in animals at least as high in the evolutionary scale as birds or mammals. Ontogenic studies with rabbits similarly showed that carnosine appears on the 24th embryonic day, increases with age, then suffers a decline as the animal approaches adult stage; anserine appears only on the 7th postembryonic day, then rises rapidly reaching the 500 mg. % level of adults. The specific determination of the substances was done by partition chromatography (cf. preceding abstr.). The results are at least as well shown in ontogenesis of the grackle and a similar gradation in respect to the level of functional activity of a specific set of muscle specimens: thus wing muscle of the bird before it has learned to fly is rich in carnosine and low in anserine, but in the short "flight training" period the order is sharply reversed. O. M. Kozolapov

EB

117

Origin of carnosine and anserine, and their metabolism in
the formation of muscular tissue. N. A. Yudary, *Us-
pekh: Sovremennai Biol.* 10, 176-87 (1950); cf. *C.T.* 44,
1946. — A review; 41 references. Julian F. Smith

1957

CP

Content of histidine, carnosine, and anserine in muscle of some fish. N. A. Yudaev (Ministry Health, Moscow). *Doklady Akad. Nauk S.S.S.R.* 70, 279-82 (1930).—Chromatographic methods show that all investigated individuals of the perch and carp families contain large amts. of histidine and complete absence of the dipeptides. Histidine content ranges from 127 to 241 mg./100 g. Fish which do not contain histidine show high amts. of carnosine (thus *Huso huso* contains 300 mg./100 g. and *Acipenser ruthenus* 211 mg./100 g.) or anserine (*Gadus callarias* 150 mg./100 g.). Since the histidine-contg. fish are completely devoid of β -alanine, evidently histidine does not arise from hydrolysis of the dipeptides. Curiously, only a trace of histidine is found in the blood of carp. Thus, this amino acid must exist in the muscle in some bound state from which it is released only by structural deformation or destruction.

G. M. Kosolapoff

CA

Content of β -alanine in muscle tissue of rabbit in various stages of ontogenesis and in muscle of some fish. N. A. Yul'nev. Doklady Akad. Nauk S.S.S.R. 71, 717-20 (1960).--The chromatographic method was used to show that β -alanine while present up to 20 mg. % in muscle of new-born rabbits, disappears with growth; embryos also carry significant amts. of this amino acid. Glutamic acid declines with growth, as does glycine and α -alanine. The identification was made on the basis of characteristic bluish color with ninhydrin, the spots of which (with PhOH solvent) are located above those of α -alanine on the paper chromatogram; action of HCl vapor lowers the spot below that of α -alanine; development with picoline moves the spot to just above glycine; finally, β -alanine reacts much

lower than α -amino acids with ninhydrin. Considerable amts. of β -alanine were found in fish muscle, particularly in ganoids (73-100 mg. %) and cod. It was shown that the fish specimens may contain free β -alanine while histidine may be absent. Since the components of carnosine may be found in the free state it is suggested that the dipeptide may arise by condensation of these amino acids rather than by decarboxylation of asparagylhistidine.

G. M. Kosolapoff

CA

11F

Biosynthesis of carnosine. N. A. Yudacy (Acad. Med. Sci. U.S.S.R.). *Doklady Akad. Nauk S.S.S.R.* 72, 1099-1102(1950).—Injection (subcutaneous) of 0-7 ml. 10% histidine-HCl into infant rabbits (known to carry free β -alanine in the muscle and showing a fairly active synthesis of carnosine in ontogenesis) followed by chromatographic analysis of muscle macerate after 24 hrs. led to a definite indication of rise of the "extra" carnosine, with the excess reaching 60-80%, with corresponding decline of free β -alanine. The site of biosynthesis is the muscle tissue as carnosine is absent in blood and parenchymatic organs, while β -alanine is absent totally in liver and kidney. G. M. Kosolapoff.

YUDAYEV, N. A.

"Biosynthesis, Emergence in Onto- and Phylogenesis, Occurrence and
Significance for Functions of a Muscle of Carnosine and Anserine."
Sub 9 Mar 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in
Moscow during 1951.

SO: Sum. No. 480, 9 May 55

CA

117

Change in the content of carnosine, anserine, and creatine in the ontogenesis of animals. S. B. Severin and N. A. Kulakov (Acad. Med. Sci., Moscow). *Biokhimiya* 16, 285-291 (1951); cf. *C.A.* 44, 721a. — About 45 mg. % of creatine is present in the muscle of rabbits, on the 5th day of embryonic development. Carnosine makes its appearance (21 mg. %) on the 21st day of development. Anserine is entirely absent in rabbit embryo muscle. The creatine content gradually increases in the postnatal period, reaching a value of about 600 mg. % in adult rabbits. Carnosine increases in young rabbits to a max. of about 100 mg. %, and then declines to about 70 mg. % in adult rabbits. Anserine first appears on the 7th day, and gradually increases to about 180 mg. % in adult rabbits. Considerable carnosine, but no anserine, is present in young rooks, whereas in adult rooks, the carnosine content is low, and anserine is high. Phylogenetically, the results indicate that carnosine is of greater antiquity than anserine. H. Priestley.

CA

Biosynthesis of anserine. N. A. Yulkev. Doklady Akad. Nauk S.S.S.R. 82, 615-17(1932).--Introduction of 8-12% hydrolyzate of anserine (checked chromatographically) over 3 days into rabbits, followed after 24 hrs. by resection of hind leg muscles and extn. as described in previous work (C.A. 44, 10004c) led to definitely increased amt. of anserine in the muscle ext., indicating active biosynthesis from the components. Formation of anserine from carnitine could not be shown, however, in similar expts.; injection of methionine also gave neg. results. G. M. K.

YUDAYEV, N.A., professor.

New steroid hormone of the adrenal cortex, aldosterona.(electrocortin)
Probl. endokr. i gorm. 1 no.1:118-120 Ja-F '55 (MLEA 8:10)
(ADRENAL CORTEX, hormones,
aldosterone)

YUDAYEV, Nikolay Alekseyevich; GOTOVTSEVA, V.A., redaktor; YEVDOKHIMOVA, Z.N.;
tekhnicheskly redaktor

[Biochemistry of steroid hormones of the suprarenal bodies] Biokhimiia
steroidnykh gormonov kory nadpochschnikov. Moskva, Gos. izd-vo med.
lit-ry, 1956.133 p. (MLRA 9:11)
(HORMONES) (STERIODS)

Yugoslav N.A.

YUDAYEV, N.A. (Moskva)

New active corticosteroid derivatives (meticorten, meticortelen and
haloid-derived steroids) Probl. endok. i gorm. 2 no.3:116-120

My-Je '56.

(MLEA 9:10)

(STEROIDS

pharmacol. of various new active cpds)

YUDAYEV, N.A.; DRUZHININA, K.V.

Corticosteroid content in the suprarenal glands in cattle of various age group. Vop.med. khim. 2 no.4:255-261 JI-Ag '56. (MIRA 9:10)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(ADRENAL CORTEX HORMONES, determination,
in cattle adrenals in various age groups (Rus))

USSR / Human and Animal Physiology. Internal Secretion, Adrenals. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70394

Author : Yudayev, N. A.; Pankov, Yu. A.; Surikova, N. P.

Inst : Not given

Title : Changes in the Secretion of the Adrenal Cortex in Rabbits
under the Influence of Coll and Aseptic Inflammation

Orig Pub : Probl. Endokrinol. i Gormosterapii, 1957, Vol 3, No 1,
20-24

Abstract : In male rabbits weighing 2.5-3.5 kg, kept every other
day at a temperature of -8 to -12 degrees C. (duration of
the experiment was 11-36 days), the content of hydro-
cortisone (I) in the blood increased from 36.1 to 163
gamma percent, while in rabbits with experimentally induced
inflammation after 1-7 injections of 0.2-1 ml/kg of
turpentine, the I increased to 200.3 gamma percent. The
content of corticosterone (II) did not change (the values

Card 1/2

YUDAEV, N.A.
LEYTES, S.M.

"Biochemistry of the steroid hormones of the adrenal cortex"
by N.A. Iudayev, Reviewed by S.M. Leites. Vop. med. khim.
3 no.1:72-73 Ja-F '57 (MLRA 10:4)
(ADRENAL GLANDS) (STEROIDS) (IUDAEV, N.A.)

YUDAYEV, N.A.; LEBEDEVA, M.B.; ZAVYAL'SKAYA, N.P. (Moskva)

Effect of cortisone and desoxycorticosterone on the inclusion of glycine labeled with radiocarbon into proteins in liver sections [with summary in English]. Probl. endok. i gorm. 3 no.6:13-21 N.D. '57. (MIRA 11:3)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav.-prof. N.A.Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir.-deystvitel'nyy chlen AMN SSSR prof. V.N. Orekhovich).

(CORTISONE, effects,

on liver proteins incorporation of glycine labeled with radiocarbon in vitro (Rus)

(CORTICOSTERONE, effects, same)

(GLYCINE, metabolism, liver, eff. of cortisone & DOC on incorporation into proteins in vitro, radiocarbon labeled (Rus)

(PROTEINS, metabolism,

liver eff. cortisone & DOC on glycine incorporation in vitro, (Rus)

(LIVER, metabolism,

glycine incorporation into proteins in vitro, eff. of cortisone & DOC)

YUDAYEV, N.A. (Moskva)

Biosynthesis of steroid hormones. Usp.biol.khim, 3:342-365
'58. (HORMONES) (STEROIDS) (BIOSYNTHESIS) (MIRA 12:6)

YUDAYEV, N.A., DRUZHININA, K.V. (Moscow)

Possibility of using androgens and estrogens in the biosynthesis of adrenal cortex hormones [with summary in English]. Probl.endok. i gorm. 4 no.1:21-28 Ja-F'58 (MIRA 11:5)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - prof. V.N. Orekhovich) AMN SSSR.

(ADRENAL CORTEX HORMONES, metabolism

synthesis from androgens & estrogens by adrenal cortex slices (Rus))

(ANDROGENS, metabolism,

adrenal cortex, hormones synthesis from androgens by cortical slices (Rus))

(ESTROGENS, metabolism,

adrenal cortex hormones synthesis from estrogens (Rus))

YUDAYEV, N.A., PANKOV, Yu.A.

Modification of Silber and Porter's method for determining
17-hydrozycorticosteroids in peripheral blood. Probl.endok. i
gorm. 4 no.2:35-42 Mr-Apr '58 (MIRA 11:5)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh
protseessov (zav. - prof. N.A. Yudayev) Instituta biokhimicheskoy
i meditsinskoy khimii (dir. - prof. V.N. Orekhovich) AMN SSSR.
(ADRENAL CORTEX HORMONES, in blood

17-hydrozycorticosteroids in peripheral blood, modified
determ. method (Rus))

AFIGENOVA, S.A.; DRUZHININA, K.V.; KREKOVA, M.A.; PANKOV, Yu.A.; RODINA, A.I.
YUDAYEV, N.A. (Moskva)

Biosynthesis of corticosteroids by adrenal sections of various animals.
[with summary in English]. Probl.endok., 1 gorm. 4 no.3:3-11 Ky-Je '58
(MIRA 11:8)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh
protssessor (zav. - prof. N.A. Yudayev) Instituta biologicheskoy i
meditsinskoy khimii AMN SSSR (dir. prof. V.N. Orekhovich).

(ADRENAL CORTEX HORMONES, metabolism

synthesis in adrenal slices of various animals (Rus))

YUDAYEV, N.A.

EXCERPTA MEDICA Sec 3 Vol 13/4 Endocrinology Apr 59

704. THE BIOSYNTHESIS OF STEROID HORMONES IN SLICES OF THE ADRENAL CORTEX OF SCORBUTIC GUINEA-PIGS (Russian text) - Yudaev N. A. and Rodina A. I. Inst. of Biol. and Med. Chem., Acad. of Scis of the USSR, Moscow - VOPR. MED. KHIMII 1958, 4/3 (213-221)

The synthesis of corticosteroids by adrenal slices from endogenous and added precursors proceeds at a higher rate in vit. C-deficient animals than in healthy guinea-pigs. Experiments on slices supplemented with progesterone or DOCA showed that the activity of enzyme systems oxidizing carbon atoms 11, 17 and 21 is not decreased in scurvy. In slices from both groups of animals corticosterone, which normally does not occur in the blood of guinea-pigs, was formed from progesterone, in addition to hydrocortisone. Dehydroandrosterone, which is a C19-steroid, was converted in adrenal slices of both groups of animals to C21-corticosteroids, an unidentified C21-steroid being the main product in control animals, while an increase of the synthesis of hydrocortisone and of 4-androstene-11 β -ol-3:17-dione was observed in the scorbutic guinea-pigs. Ascorbic acid added in vitro did not alter the synthesis of hormones in adrenal slices of either group of animals. In experiments in vitro the adrenal tissue of scorbutic guinea-pigs failed to respond to a supplement of ACTH.

Yudayev, N.A.
YUDAYEV, N.A., prof.

Basic problems in the biochemistry of adrenal cortical steroid hormones. Vest. AMN SSSR 13 no.1:51-61 '58. (MIRA 11:2)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(ADRENAL CORTIX HORMONES.
biochem., review)

TARAKANOV, Ye. N., SHCHITKOVA, T. A., YUDAYEV, N. A., KREKOVA, M. A.

"Study of the Histochemistry and Biosynthesis of Steroid Hormones by Suprarenal Cortical Tumors."

Theses of the Proceedings of ~~the~~ the Annual Scientific Sessions 23-26 March 1959
(All-Union Institute of Experimental Endocrinology)

From the Department of Morphology (Head--Professor Ye. I. Tarakanov) of the All-Union Institute of Experimental Endocrinology (Director--Professor Ye. A. Vasyukova) and from the Institute of Biological and Medical Chemistry (Director--Professor V. N. Orekhovich) of the Academy of Medical Sciences USSR

YUDAYEV, N.A.; AFINOGENOVA, S.A.

Changes in the adrenal function of rabbits under the effect of
cortisone, ACTH, and sodium salicylate. Probl. endok. i germ.
6 no. 1:19-25 Ja-F '60. (MIRA 14:1)

(ADRENAL GLANDS) (CORTISONE) (ACTH).
(SODIUM SALICYLATE)

YUDAYEV, N.A.; KREKHOVA, M.A.

Comparative data on the biosynthesis of corticosteroids in vitro,
in normal states, and under pathological conditions of the
adrenals. Probl. endok. i gorm. 6 no. 2:43-51 Mr-Ap '60.

(MIRA 14:1)

(ADRENOCORTICAL HORMONES)

YUDAYEV, N.A.; SAKHATSKAYA, T.S., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Chemical methods of determining steroid hormones in biological fluids] Khimicheskie metody opredeleniia steroidnykh gormonov v biologicheskikh zhidkostiakh. Moskva, Medgiz, 1961. 170 p.
(MIRA 14:10)

(STERIODS)

(HORMONES)

YUDAYEV, N. A., AFINGENOVA, S. A. (USSR)

"The Effect of Cortisone and ACTH on the Production of
Corticosteroids by the Adrenal Cortex in vivo."

Reprot presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

YUDAYEV, N. A., KREKHOVA, M. A. (USSR)

"Features in the in vitro Synthesis of Corticosteroids by
the Adrenal Glands of Man in Certain Pathological
Endocrine Conditions."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

YUDAYEV, M. A., DRUZHININA, K. V. (USSR)

"Cortisone Formation in Presence of Δ^4 -Androsten-3,11,17-trione
in vitro."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961

YUDAYEV, N.A.; PANKOV, Yu.A.

Biosynthesis of corticosteroids in vitro with normal and
denervated adrenal glands of dogs. Probl.endok.i gorm. 7
no.2:18-23 '61. (MIRA 14:5)
(ADRENOCORTICAL HORMONES) (PROGESTERONE) (ACTH)

YUDAYEV, N.A.

Some problems in corticosteroid biochemistry. Vest. AMN SSSR 16
no.2:31-42 '61. (MIRA 14:10)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.
(CORTICOSTEROIDS)

KREKHOVA, M.A. Prinimali uchastiye: MALKOVA, M.G.; KOSAREVA, Ye.A.;
SISAKYAN, N.M., akademik, glav. red.; BAYEV, A.A., zam. glav.
red.; YUDAYEV, N.A., red. toma; VETROVA, I.B., red. izd-va;
DOROKHINA, I.N., tekhn. red.

[Biosynthesis of lipids; symposium VII] Biosintez lipidov;
simpozium VII. Moskva, Izd-vo Akad. nauk SSSR, 1962. 429 p.
(Its: Trudy) (MIRA 16:4)

1. International Congress of Biochemistry. 5th, Moscow, 1961.
2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Yudayev).

(Lipids)

YUDAYEV, N. A.

"Corticosteroids, Their Secretion and the Nature of Their Effect"

report submitted to the All-Russian Conference of Internists, Leningrad,
USSR 26-29 June 1960

So: Terapevticheskiy Arkhiv (Therapeutic Archives), Vol XXXII, No. 11
Moscow, Nov. 1960, pages 93-95

YUDAYEV, N.A.; AFINOGENOVA, S.A. (Moskva)

State of the system hypophysis - adrenal cortex following
the administration of cortisone and ACTH in a long-range ex-
periment. 14a Probl. endok. i gorm. 8 no.2:12-20 Ikr-Ap'62.

(MIRA 16:7)

1. Iz laboratorii biokhimii gormonov i gomonal'noy regulatsii
biokhimicheskikh protsessov (zav.-prof. N.A.Yudayev) Instituta
biologicheskoy i meditsinskoy khimii AMN SSSR (dir.-prof. V.N.
Orekhovich).

(ACTH) (PITUITARY BODY) (CORTIZONE)
(ADRENAL CORTEX)

YUDAYEV, N. A., prof.

Regulation of the metabolism and biochemistry of hormones.
Probl. endok. i gorm. 8 no. 3: 3-6. Moskva, 1962. (MIRA 15:6)

1. Iz laboratorii biokhimii gormonov i gormonal'noy regulyatsii
(zav. - prof. N. A. Yudayev) Instituta biologicheskoy i meditsin-
skoy khimii AMN SSSR (dir. - prof. V. N. Orekhovich)

(HORMONES) (METABOLISM)

YUDAYEV, N.A., prof.

Hormones as regulators of life. Zdorov'e 9 no.3:2-3 Mr '63.

(MIRA 16:5)

1. Chlen-korrespondent AMN SSSR.
(HORMONES)

YUDAYEV, N.A.; PANKOV, Yu.A.

Incorporation of radioactive pregnenolone and progesterone
into corticosteroids by hog adrenal homogenates. Vop. med.
khim. 9 no.5:507-514 S-O '63. (MIRA 17:1)

1. Laboratoriya biokhimii gormonov i gormonal'noy regul'yatsii
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